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**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY
TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the applications identified in the attached documents.

I hereby appoint:

David J. Goren, Reg. No. 34,609
Elissa Y. Wang, Reg. No. 48,868
Brian J. Gustafson, Reg. No. 52,978
Jennifer A. Zanicco, Reg. No. 54,583
Stefanie Howell, Reg. No. 45,929

Hans R. Troesch, Reg. No. 36,850
Mark D. Kirkland, Reg. No. 40,048
Tim H. Pham, Reg. No. 48,589
Tamara Fraizer, Reg. No. 51,889
Kelvin M. Vivian, Reg. No. 53,727

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

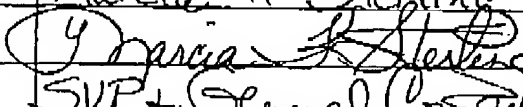
Assignee Name and Address:

Autodesk, Inc.
111 McInnis Parkway
San Rafael, California 94903

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Marcia K. Sterling		
Signature		Date	3/5/04
Title	SVP + General Counsel		
		Telephone	415/507-6749

Attorney's Docket No.: 15786-019001 / P049 -134805

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Somashekar Ramachandran
Subrahmanyam, et al.Art Unit : 2183
Examiner : Unknown

Serial No. : 10/676,275

Filed : September 30, 2003

Title : PERSISTENT NAMING FOR SUB-PATHS OF INTERMITTENT FILLET
WELD BEADSRECEIVED
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

OFFICIAL

CERTIFICATE UNDER 37 CFR §3.73(b)

Under 37 CFR §3.73(b) AUTODESK, INC., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

A chain of title from the inventors of the patent application identified above, to the current assignee as shown below. Copies of the assignments or other documents in the chain of title are attached.

1. Assignment From Somashekar Ramachandran Subrahmanyam and Shivakumar Sundaram to Autodesk, Inc. mailed to the Patent and Trademark Office for recordation on September 30, 2003.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

Date of Transmission

4-29-04

Dianne M. Diaz

Vicki LORIST

Applicant : Somashekar Ramachandran
Subrahmanyam, et al.
Serial No. : 10/676,275
Filed : September 30, 2003
Page : 2 of 2

Attorney's Docket No.: 15786-019001 / P049 -134805

Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,


Date: 4/29/04



Mark D. Kirkland, Reg. No. 40,048

Fish & Richardson P.C.
500 Arguello Street, Suite 500
Redwood City, California 94063
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Facsimile: (650) 839-5071

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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 8/30/2005) Tab settings: 	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Somashekar Ramachandran Subrahmanyam, and Shivakumar Sundaram Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Autodesk, Inc.</u> Internal Address: _____ _____ Street Address: <u>111 McInnis Parkway</u> _____ City: <u>San Rafael</u> State: <u>CA</u> Zip: <u>94903</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>09/30/2003</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>09/30/2003</u> A. Patent Application No.(s) _____ B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>SCHWABE, WILLIAMSON & WYATT, PC</u> Internal Address: <u>Aloysius T.C. AuYeung</u> _____ Street Address: <u>Suites 1600-1900</u> <u>1211 SW Fifth Avenue</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97204</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41)..... \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____	
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9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> <u>Aloysius T.C. AuYeung, Reg. No. 35,432</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 20%; text-align: right;"> <u>09/30/2003</u> Date </div> </div> <div style="text-align: right; margin-top: 5px;"> Total number of pages including cover sheet, attachments, and documents: <u>4</u> </div>		

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Attorney Docket No. 109869-134805

Patent

ASSIGNMENT
(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

ASSIGNOR(S): Somashekar Ramachandran Subrahmanyam, and
Shivakumar Sundaram

hereby sell, assign, and transfer to

ASSIGNEE: Autodesk, Inc
111 McInnis Parkway
San Rafael, CA 94903

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

**PERSISTENT NAMING FOR SUB-PATHS OF INTERMITTENT FILLET WELD
BEADS**

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the

IPG No. P049

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003

expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventor: Please
indicate the date
you signed the
Combined
Declaration And
Power Of
Attorney:

Inventor: Please sign and date below:

09/30/03 Date	<u>Somashekar Ramachandran</u> Name: Somashekar Ramachandran Subrahmanyam	09/30/03 Date
09/30/03 Date	<u>Shivakumar Sundaram</u> Name: Shivakumar Sundaram	09/30/03 Date

Assignment Document Return Address:
Schwabe, Williamson & Wyatt, P.C.

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004

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